

20 --32. The measurement apparatus as claimed in claim 31, further comprising magnetic material for causing the magnetic attraction between the scale and the track.--

24 --33. The measurement apparatus as claimed in claim 31, wherein the track is formed from extruded aluminium.--

21 --34. The measurement apparatus as claimed in claim 31, wherein the track is formed from magnetic ferrite rubber.--

20 --35. The measurement apparatus as claimed in claim 31, wherein the scale is magnetic or magnetisable.--

aug 11/04 23 --36. The measurement apparatus as claimed in claim 31, wherein the track is formed from extruded aluminium.--

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--37. The measurement apparatus as claimed in claim 31, wherein the track has a face for abutting a mounting surface and wherein the face is concave.--

19 --38. The measurement apparatus as claimed in claim 31, wherein the scale track comprises a channel.--

23 --39. The measurement apparatus as claimed in claim 38, wherein the scale track is adapted to hold the scale within the channel at edge portions only.--

20, 22 --40. The measurement apparatus as claimed in claim 32, wherein the scale track comprises a channel and wherein the magnetic material is disposed within the channel.--

21 --41. The measurement apparatus as claimed in claim 32, wherein the magnetic material is a length of ferrite rubber.--

--42. The measurement apparatus as claimed in claim 32, wherein the scale and magnetic material are spaced.--

43. A measurement apparatus, comprising:

a measurement scale;

a readhead relatively movable along the scale for reading the scale; and

a scale track having a channel, the scale being held magnetically to the channel, a magnetic attraction force between the channel and the track allowing relative movement between the scale held in the channel and the track.--

20 --44. The measurement apparatus as claimed in claim 43, further comprising magnetic material for causing the magnetic attraction between the scale and the channel.--

23 --45. The measurement apparatus as claimed in claim 43, wherein the channel is adapted to hold the scale at edge portions only.--

21 --46. The measurement apparatus as claimed in claim 43, wherein the track is formed from magnetic ferrite rubber.--

24 --47. The measurement apparatus as claimed in claim 43, wherein the scale is magnetic or magnetisable.--

--48. The measurement apparatus as claimed in claim 43, wherein the scale and magnetic material are spaced.--

20, 22 --49. The measurement apparatus as claimed in claim 44, wherein the magnetic material is disposed within the channel.--

21 --50. The measurement apparatus as claimed in claim 44, wherein the magnetic material is a length of ferrite rubber.--

--51. A measurement apparatus, comprising:
a measurement scale;
a readhead relatively movable along the scale for reading the scale;
a scale track, the scale being held magnetically to the track, a magnetic attraction force between the scale and the track allowing relative movement between the scale and the track; and
a scale tensioner for tensioning the scale on the track.--